

**Table CE3.9 Annual household end-use expenditures in the South—totals and averages, 2015**

	Number of housing units (million)	Total energy expenditures <sup>1</sup> (billion dollars)						Average energy expenditures <sup>1</sup> (dollars per household using the end use)					
		Total South <sup>2</sup>	Total	Space heating <sup>3</sup>	Water heating	Air condi- tioning	Refrig- erators	Other <sup>4</sup>	Total	Space heating <sup>3</sup>	Water heating	Air condi- tioning	Refrig- erators
<b>All homes</b>	44.4	85.19	19.39	14.34	16.52	4.08	30.86	1,917	465	323	392	93	694
<b>Census division</b>													
South Atlantic	23.5	46.09	10.47	8.06	8.60	2.21	16.76	1,963	488	344	386	95	714
East South Central	7.2	13.72	3.62	2.57	2.05	0.60	4.88	1,907	509	357	304	85	678
West South Central	13.8	25.38	5.30	3.72	5.87	1.26	9.23	1,843	402	270	447	93	670
<b>Census urban/rural classification<sup>5</sup></b>													
Urban	33.4	61.43	12.94	10.12	12.77	2.99	22.61	1,838	415	303	403	91	677
Urbanized area	28.1	52.76	10.63	8.66	11.32	2.56	19.59	1,880	412	309	423	92	698
Urban cluster	5.4	8.67	2.31	1.46	1.46	0.43	3.02	1,621	434	274	294	81	564
Rural	11.0	23.76	6.45	4.22	3.75	1.09	8.26	2,155	609	383	358	99	749
<b>Metropolitan or micropolitan statistical area</b>													
In metropolitan statistical area	34.7	66.58	14.16	11.07	13.68	3.25	24.42	1,919	439	319	416	95	704
In micropolitan statistical area	6.3	11.62	3.44	2.00	1.63	0.53	4.03	1,845	549	318	272	84	640
Not in metropolitan or micropolitan statistical area	3.4	6.99	1.79	1.27	1.21	0.30	2.41	2,030	555	369	366	87	701
<b>Climate region<sup>6</sup></b>													
Very cold/Cold	Q	Q	Q	Q	Q	Q	Q	1,740	522	267	119	74	758
Mixed-humid	21.3	43.54	13.00	7.69	5.41	1.94	15.51	2,048	619	362	268	92	729
Mixed-dry/Hot-dry	N	N	N	N	N	N	N	N	N	N	N	N	N
Hot-humid	22.4	40.22	5.96	6.44	11.02	2.07	14.73	1,799	300	288	520	94	659
Marine	N	N	N	N	N	N	N	N	N	N	N	N	N

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		Total South <sup>2</sup>	Space heating <sup>3</sup>	Water heating	Air condi- tioning	Refrig- erators	Other <sup>4</sup>	Total	Space heating <sup>3</sup>	Water heating	Air condi- tioning	Refrig- erators	Other <sup>4</sup>
<b>All homes</b>	44.4	85.19	19.39	14.34	16.52	4.08	30.86	1,917	465	323	392	93	694
<b>Housing unit type</b>													
Single-family detached	28.7	63.82	15.20	9.23	13.24	3.01	23.15	2,224	552	322	484	106	807
Single-family attached	2.3	3.57	0.83	0.68	0.66	0.19	1.21	1,567	389	300	303	84	529
Apartments in buildings with 2–4 units	2.4	2.86	0.61	0.66	0.45	0.14	0.99	1,187	287	275	206	58	413
Apartments in buildings with 5 or more units	7.2	7.88	1.23	2.13	1.10	0.44	2.98	1,098	193	297	162	62	415
Mobile homes	3.9	7.06	1.51	1.64	1.06	0.31	2.54	1,818	426	422	294	80	654
<b>Ownership of housing unit</b>													
Owned	28.5	62.13	14.51	9.16	12.72	2.98	22.76	2,182	538	322	464	106	799
Single-family	24.8	55.86	13.32	7.81	11.68	2.68	20.38	2,257	559	316	491	109	823
Apartments	0.8	0.97	0.09	0.17	0.20	0.07	0.44	1,161	163	209	237	80	524
Mobile homes	2.9	5.30	1.10	1.17	0.84	0.24	1.95	1,840	424	408	302	84	677
Rented <sup>7</sup>	16.0	23.06	4.88	5.18	3.80	1.10	8.10	1,444	331	325	258	70	507
Single-family	6.2	11.53	2.71	2.10	2.22	0.52	3.98	1,854	464	338	386	84	639
Apartments	8.7	9.77	1.75	2.62	1.35	0.51	3.53	1,117	221	299	166	59	404
Mobile homes	1.0	1.76	0.42	0.46	0.22	0.07	0.59	1,756	433	462	268	71	589

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<b>All homes</b>	44.4	85.19	19.39	14.34	16.52	4.08	30.86	1,917	465	323	392	93	694
<b>Year of construction</b>													
Before 1950	3.9	7.22	2.33	1.03	1.34	0.30	2.22	1,856	619	266	369	78	571
1950 to 1959	3.6	6.94	1.82	1.08	1.54	0.30	2.19	1,904	532	296	431	86	602
1960 to 1969	4.5	8.03	1.97	1.12	1.90	0.39	2.65	1,795	468	250	457	87	593
1970 to 1979	7.2	13.38	3.49	2.22	2.51	0.66	4.51	1,861	512	308	367	92	627
1980 to 1989	7.3	13.75	2.73	2.33	2.65	0.70	5.34	1,876	402	317	394	97	729
1990 to 1999	7.7	15.18	3.14	2.79	2.76	0.72	5.77	1,967	437	361	381	95	747
2000 to 2009	8.2	16.97	3.24	3.02	3.13	0.84	6.75	2,076	422	370	392	103	826
2010 to 2015	2.0	3.72	0.67	0.76	0.68	0.18	1.43	1,836	356	376	343	87	707
<b>Total square footage<sup>8</sup></b>													
Fewer than 1,000	8.5	10.36	1.93	2.60	1.65	0.52	3.65	1,213	250	304	210	63	427
1,000 to 1,499	12.2	20.13	4.07	4.11	3.66	0.94	7.36	1,647	364	336	317	78	602
1,500 to 1,999	8.2	16.01	3.84	2.56	3.51	0.80	5.30	1,942	499	310	446	98	643
2,000 to 2,499	4.9	10.59	2.51	1.68	2.14	0.49	3.78	2,165	532	344	461	100	772
2,500 to 2,999	3.3	8.00	2.08	1.01	1.61	0.37	2.94	2,439	636	308	509	113	895
3,000 or greater	7.3	20.09	4.97	2.39	3.95	0.95	7.84	2,768	694	330	558	131	1,080
<b>Number of household members</b>													
1 member	10.9	14.68	4.03	1.73	3.06	0.83	5.03	1,349	402	159	302	79	462
2 members	15.9	30.28	7.06	4.36	6.21	1.54	11.11	1,899	468	274	407	97	696
3 members	7.5	15.73	3.50	2.94	3.02	0.72	5.55	2,111	502	395	422	97	744
4 members	6.0	14.36	2.82	2.89	2.54	0.60	5.52	2,381	491	479	443	101	915
5 members	2.7	6.53	1.30	1.52	1.14	0.25	2.32	2,413	509	568	450	91	857
6 or more members	1.4	3.59	0.68	0.89	0.54	0.14	1.34	2,530	498	626	407	99	945

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<b>All homes</b>	44.4	85.19	19.39	14.34	16.52	4.08	30.86	1,917	465	323	392	93	694
<b>2015 annual household income</b>													
Less than \$20,000	9.1	13.50	3.26	2.78	2.42	0.63	4.40	1,480	382	305	294	71	483
\$20,000 to \$39,999	11.1	18.64	4.26	3.44	3.42	0.94	6.58	1,678	420	310	334	85	592
\$40,000 to \$59,999	7.7	14.46	3.31	2.50	2.95	0.68	5.02	1,881	457	325	396	88	653
\$60,000 to \$79,999	5.0	9.86	2.16	1.76	1.93	0.47	3.55	1,986	458	354	397	96	714
\$80,000 to \$99,999	3.3	7.13	1.56	1.07	1.56	0.35	2.58	2,137	504	322	469	106	774
\$100,000 to \$119,999	2.6	5.88	1.33	0.90	1.21	0.30	2.15	2,224	520	342	468	112	811
\$120,000 to \$139,999	1.7	4.41	0.97	0.64	0.93	0.19	1.67	2,570	574	379	546	115	976
\$140,000 or more	3.9	11.32	2.54	1.25	2.10	0.52	4.91	2,925	673	323	557	134	1,269
<b>Payment method for energy bills</b>													
All paid by household	41.8	82.05	18.63	13.70	15.98	3.91	29.83	1,964	476	328	404	95	714
Some paid by household, some included in rent or condo fee	0.8	1.08	0.32	0.17	0.20	0.06	0.34	1,303	385	199	242	72	414
All included in rent or condo fee	1.5	1.56	0.33	0.36	0.25	0.09	0.53	1,051	234	246	173	61	356
Some other method	0.4	0.50	0.12	0.11	0.09	0.02	0.17	1,378	316	307	250	62	455
<b>Main heating fuel</b>													
Natural gas	13.7	28.94	6.22	3.35	6.31	1.43	11.64	2,116	455	245	477	105	851
Electricity	24.9	44.65	10.44	8.87	8.03	2.13	15.18	1,796	420	357	341	87	610
Fuel oil/kerosene	0.8	2.16	0.90	0.35	0.24	0.07	0.59	2,621	1,092	430	297	91	720
Propane	1.9	4.85	1.62	0.74	0.58	0.19	1.72	2,612	871	398	320	105	926

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<sup>1</sup>Consumption and expenditures for biomass (wood), coal, district steam, and solar thermal are excluded.

<sup>2</sup>Total South includes all primary occupied housing units in the South Census Region. Vacant housing units, seasonal units, second homes, military houses, and group quarters are excluded.

<sup>3</sup>Includes main (primary) and secondary space heating.

<sup>4</sup>Includes end uses not shown in this table. A more detailed breakout of end uses is shown in the Series 5 tables.

<sup>5</sup>Housing units are classified using criteria created by the U.S. Census Bureau based on 2010 Census data. Urbanized areas are densely settled groupings of blocks or tracts with 50,000 or more people. Urban clusters have at least 2,500 but less than 50,000 people. All other areas are rural.

<sup>6</sup>These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

<sup>7</sup>Rented includes households that occupy their primary housing units without paying rent.

<sup>8</sup>Total square footage includes all basements, finished or conditioned (heated or cooled) areas of attics, and conditioned garage space that is attached to the home. Unconditioned and unfinished areas in attics and attached garages are excluded. The square footage for some housing units was calculated based on measurements taken by the interviewer. For households responding without the presence of an interviewer, square footage was imputed based on characteristics of the housing unit. See 2015 RECS Square Footage Methodology for full details about data collection and processing.

Q = Data withheld because either the Relative Standard Error (RSE) was greater than 50% or fewer than 10 cases responded.

N = No cases responded.

Notes: Because of rounding, data may not sum to totals. See RECS Terminology for definition of terms used in these tables.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-457A, C, D, E, F, G of the 2015 Residential Energy Consumption Survey.